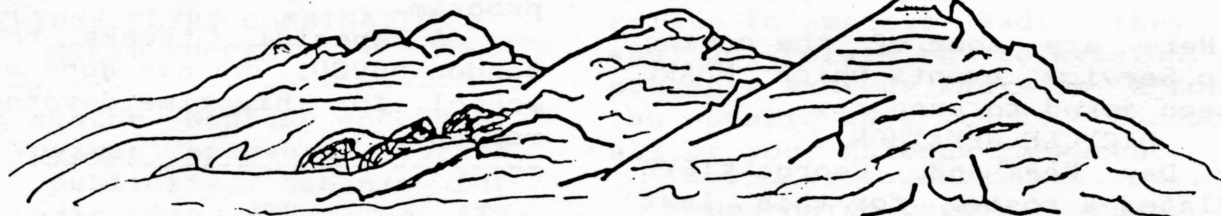


# the CARRIER



W6CX

## the MOUNT DIABLO AMATEUR RADIO CLUB

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VOLUME XXXVII - ISSUE 9 - SEPTEMBER 1989  
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### NOMINATIONS FOR 1990 OFFICERS -----

The nominating committee was given the mandate by President Vicki to find Club members who would serve the Club in various capacities in 1990.

All of the present Officers, (except one, a Board Member with one more year to serve on a two-year term), expressed a desire to have other members take the responsibilities, duties and fun of being Club Officers in 1990. The present Officers had been in office for two years and each deserved "excellent" for their performance of duties. Many members, when asked if they would take new responsibilities next year said, "the present Officers are doing so well, why not re-elect them again next year". But it was not to be!

The Committee's criteria for selection was principally (1) who attends Club meetings regularly, and (2) who participates in public service and other Club events.

Many Club members are unable to hold Office because of work and other commitments. Some offered to

help at a later date when they were less committed.

The Committee members asked at Club meetings and by telephone, any way members could be contacted to get them to indicate their willingness to run for Office.

The following have indicated a willingness to serve as Officers:

DEREK BROWN,	N6CUK,	PRESIDENT
DON LEDWITH,	K7SDF,	VICE.PRES
WALT EBBETT,	KB6QIB,	TREASURER
JUNE BLENDERMAN,	N6SWP,	SECRETARY
BRIAN ROLLEY,	N6TDJ,	E.C.

One Board Member opening, for a two-years term, two candidates:

GLENN ZUMWALT,	KJ6EN
DICK BROWN,	KT6X

-----  
If you were asked and declined but have changed your mind. If you were not asked. If you know someone who would/should be an Officer. If YOU will run for Office ... NOMINATIONS will be open at the regular Club meeting September 15th. It will then be YOUR responsibility to make your choice(s) known. !!!  
-----

PUBLIC SERVICE EVENTS  
MDARC HAS BEEN ASKED TO SUPPORT  
By Joe Gregory, WA6DQN  
Public Service Chairman

Here are some of the coming Public Service events which MDARC has been asked to support.

BICYCLE HEKATHON

Labor Day Week-end. George KI6YK circulated a roster for this last meeting. Contact him at 837-9316.

HEATHER FARMS 10 km RUN

September 17. Dick Brown KT6X had the sign-up at the last Club meeting and has the details. 676-9048

LAS TRAMPAS TRAILRIDE

Saturday September 23. 6 or 8. operators, all day. Contact Joe Gregory, 283-6560

LAFAYETTE PARADE

Sunday, Sept. 24, 1100 - 1430. Come to Chamber of Commerce Office, 1003 Oakhill Road, a little before 11AM

(All positions filled)

NATRC COMPETATIVE HORSE TRAILRIDE. In Redwood and Anthony Chabot Parks, Oakland Hills. Saturday, Oct. 7 and Sunday Oct. 8. Various starting times beginning 0730. Five operators needed Saturday, Four on Sunday. Sign up with Joe Gregory at September MDARC meeting.

RED CROSS UPDATE

By Brian Rolley, N6TDJ

The Red Cross team has delayed further site improvements to devote time to setting priorities and goals, which are:

(1) Write a site evaluation and work plan, and budget to support the new Red Cross Disaster Plan, newly approved radio room relocation.

(2) Purchase approved radio equipment.

(3) Prepare for the Buchanan Airport Emergency Plan field exercise on October 2.

The R.C. communications team is in great need of responders. If

you are interested please contact me at 337-2389.

Red Cross is also in need of donors to the communications program.

A special thanks to John Bondon N6UGD, who has gone south to school, for his time devoted as a responder.

MDARC MEMBERSHIP DIRECTORY UPDATE  
by George Jones, KI6YK

MDARC is pleased to welcome the following new members:

BROOKS, Dianne K.; N6VHH, General; 1339 Montego #70 Walnut Creek, CA 94598 (415)-944-9892(h), (415)-842-6906(w)

BROOKS, K. Michael; N6VHI, Technician; 1339 Montego #70, Walnut Creek, CA 94598 (415)-944-9892(h)

DYSON, Jim; N6PWX, General; 1209 Ptarmigan Dr. #1, Walnut Creek, CA 94595; (415)-933-8912(h), (415)-933-8913(w)

LAKELAND, Daniel (Dan); N6VYF, Technician; 3388 Moraga Blvd., Lafayette, CA 94549; (415)-283-3895(h), (415)-283-3656(w)

Congratulations to the following on his new call:

SPRAGENS, Richard T.; KC6DKF

Please note the following changes:  
STEVENS, Arla and Todd; new address 106 Nuevo Rd., Danville, Ca 94526

MDARC was delighted to welcome the following VISITORS to our August meeting:

Don F. Darrow, KC6AHJ; 3451 Laurel Ave. Oakland, CA 94602

Jean Lawther; 3388 Moraga Blvd., Lafayette, CA 94549

William H. Morrison, NL7SE, 114 De Normandie Way, Martinez, CA

SEPTEMBER ATV NEWS  
By Mike Scott, N6GOZ

-----  
ATV/NEPTUNE FLYBY COMBINATION  
A GREAT SUCCESS  
-----

Last months Neptune encounter by the Voyager spacecraft turned into a publicity bonanza for Amateur Radio via ATV. The ATV group generated a press release which was distributed to all the major papers and TV stations. This release resulted in a number of articles appearing in several newspapers and a radio talk show segment that was arranged courtesy of Oje KB6RNQ. The newspaper articles generated an estimated 40 calls a day to the Base Station, transforming Darin, KB6WAS, into the instant ATV Answer Man who fielded calls from the general public in-terested in tuning into the Voyager pictures. We thank Darin and Art for helping with this once-in-a-lifetime event.

Public displays were a prominent part of this event with ATV receive stations being set up at the Base Station and HRO in Burlingame. Both locations reported continual interest by customers.

Non-Amateur ATV receive-stations were set-up at various colleges by their Astronomy clubs. Some Police and Fire Departments fired-up their ATV rigs to watch the event.

Verification of the number of non-hams watching ATV came during the ATV net the evening of the Neptune close encounter. During the net, we put up a graphic, requesting anyone seeing the pictures to call the number on the screen.

-----  
WE WERE DELUGED WITH CALLS  
-----

receiving 30 within a half hour, from Chico to the Sierra foothills, and south to San Mateo, San Jose and Los Gatos, with reports of

people receiving signals from all combinations of equipment and antennas !!. ATV is being rapidly excepted by the public because, while they may not understand or relate to Amateur Radio, they can and do relate to television. ATV presents Amateur Radio in a format the public understands. Encourage all of your friends to watch.

-----  
UP-COMING EVENTS IN SPACE  
-----

The next month promises more great viewing from space. Not one, but two shuttles are scheduled for launch. The more exciting event will be the rescue of a satellite stranded in orbit that will burn up in the atmosphere unless it is retrieved.

The Magellan and Galileo probes will be activated in the coming months and the exciting Hubble space telescope will be launched in March 1990. The March mission is also the next Ham-in-Space event which will feature the first 2-way television transmissions between earth and the spacecraft. Mike, WA6CTP, is working with NASA representatives to finalize details for our groups participation in this event, which, of course, will be seen on ATV.

-----  
ATV REPEATER UPDATE  
-----

The new 1.2 GHz receiver has been installed and is performing better than expected. Tom, W6ORG, has produced a unit that provides us with the sensitivity and performance required in our RF environment. The 2.4 Ghz transmitter obtained via Pete, K6QIX, is being installed and tested. The 2 Ghz frequency is 2.4450 Ghz and pictures from this transmitter can be received via 2ft HBO dishes available at garage sales and flea markets, or purchased new from Ted, N6IIU, for approx. \$75.00



# CONGRATULATIONS

TO CARSON TAYLOR, K6TI  
OFFICIAL OBSERVER COORDINATOR

Carson Taylor, former Emergency Coordinator, South County, is the new OFFICIAL OBSERVER COORDINATOR for the East Bay Section (Contra Costa, Alameda and Solano Counties).

After taking a required written ARRL examination on FCC rules, regulations, and operating practices, Carson was appointed by Bob Vallio, W6RGG, Pacific Division, ARRL. (For a Ham with 62 years experience, the exam was probably a piece-of-cake for Carson). The appointment is indefinite with annual confirmations.

The following article by Carson explains the service.

## OFFICIAL OBSERVER SERVICE

By Carson Taylor, K6TI

An important aspect of the Communications Act of 1982 authorized the FCC to formally enlist Amateur volunteers for monitoring the air waves for rules violations. To implement this, the FCC created the Amateur Radio Auxiliary, administered by the ARRL. Operators who qualify are designated as "Official Observers" who report monthly to the Coordinator, listing violation notices sent and to whom. (A very important part of this monitoring is sending 'good guy' cards to station operators who exemplify fine communication practices).

This Service is not as well known as it should be and it is usually misunderstood.

The OO calls attention to rule violations or other infractions but has no power to issue an FCC citation. These stations report to the OO Coordinator who records the violations reported. If a serious

problem exists that cannot be resolved by the OO, the Coordinator attempts to diplomatically solve it. If this fails and the violation is serious, the OOC takes the matter up with the Section Manager. If a solution is still not found the SM turns all documentation over to the Regional Monitor. This person is unknown to the OO, OOC, and the general Ham population. He is the ONLY operator who can approach the FCC and only as a last resort. The Regional Monitor has the power to issue legal citations if they become necessary.

The object of all of this is, of course, to not go to the FCC except in the most extreme cases of willful disregard of the Amateur rules and regulations.

The person appointed as the Regional Monitor must have a well-known reputation for excellent operating practices and also must be very familiar with all legal aspects of these regulations.

This Service should be better publicized and respected as the operators volunteering their time have all shown good reason to be trusted and usually have extensive backgrounds in Amateur Radio.

Remember, if you receive a card from an OO, he is only notifying you of an infraction that could lead to trouble for yourself or all amateurs. If you receive a 'Good Guy' card, be very proud of it; they are not given to many.

If you are an OO in the East Bay Section, please send your monthly reports to:

Carson Taylor, K6TI,  
OOC East Bay  
48 Mariposa Court  
Danville, Ca 94526

Who is the Club member who has been, and is, the COFFEE CHAIRMAN, and the RAFFLE CHAIRMAN, and the FIELD DAY CHAIRMAN ?? . . . . .

See Chairman column this issue.



PERSONAL PROFILE OF  
NEW CLUB EDUCATION CHAIRMAN  
LARRY R. GANSZ, KB2GV

Larry was raised in Savannah, New York, a small western New York town. Larry began tinkering with electricity at an early age during the long winter evenings. Searching for new ideas and activities, he discovered and began studying Amateur Radio, earning a Novice License at the age of 14. He was the only Ham in the town and at that time one of only six in the country.

At the end of high school, Larry was appointed to the U.S. Coast Guard Academy. He graduated in 1972 with a BS degree and a Commissioned Officer in the Coast Guard. He was assigned to the Coast Guard Cutter Blackthorn stationed in Mobile, Alabama, where he performed various duties including Communications Officer and Electronic Material Officer responsible for all shipboard communications, maintenance, and support of electronic equipment.

In 1974, Larry married Pat, and soon after was transferred to Washington, DC. As Administrative Officer in the Naval Engineering Division, he processed all purchase requirements, contracts, and personnel actions. The following year he was assigned to the University of Michigan. Eighteen months later he received his BSEE and MSEE and assigned to the Coast Guard Electronics Engineering Center in Wildwood, NJ. The three-year tour included extended travel to complete the nano-second timing measurements required to certify the west coast and Alaskan LORAN chains. Additional duties included heading the Microwave and Radar Branch, engineering system improvements and designing interfaces to other equipment. The November adoption of two-day-old Brian (now KB6SFS) high-lighted the tour.

An assignment as an Assistant Professor teaching electronics engineering at the Coast Guard Academy completed his Active Duty assignments.

Larry and his family moved to Houston, Texas, where he was responsible for the maintenance support and replacement program of all electronic equipment on 17 U.S. Flagged merchant ships ranging from 25,000 ton bulk carriers to 150,000 ton bulk tankers. A fall in the oil industry forced a move to marine electronics service in Pat's home at Mobile, Alabama. A year later, Larry returned to the Coast Guard as a civilian electronics engineer which brought the family to California and their present home in Concord in 1985. As a Technical Advisor to the Coast Guard Twelfth District Commander, he was responsible for overseeing all electronic maintenance and replacement programs in Northern California.

Larry upgraded to Extra Class at an MDARC test session in 1986.

He is presently responsible for electronic maintenance contracts and overseeing the test equipment program for the Pacific Area which includes CA, NV, OR, WA, AK, HI, Guam, Japan, Korea and Iwo Jima.

Larry says he likes to introduce new people to Ham radio and MDARC and help them upgrade. He is active with the Concord American Little League.

-----

APPOINTMENT TO BOARD OF DIRECTORS  
ANNOUNCED BY PRESIDENT VICKI

Paul Jones, N6PAC, has agreed to fill the remaining term as Board Member to replace Jim House, KA6IVF who is unable to continue.

The Board will be asked to ratify the appointment at the next Board meeting.

-----

MDARC's CHAIRPERSONS  
Third of a Series

LAUREN STYLES, WA6CIE

is another Club member who wears three hats, COFFEE CHAIRMAN, RAFFLE CHAIRMAN and FIELD DAY CHAIRMAN.

AS COFFEE CHAIRMAN

When you go to regular Club meetings you can always find hot coffee, tea, chocolate, cold soft drinks and donuts provided by Lauren. In most cases the donuts have been delivered to Lauren FRESH at his request. There has never been old or stale donuts served at Club meetings.

Lauren obtains coffee making supplies, transports the coffee pots, and sets-up early for the Club meeting. Then comes the clean-up and take-home, and maintenance of the pots (for which he seldom has help).

After the set-up for the meeting, Lauren changes hats and becomes:

AS RAFFLE CHAIRMAN

where he meets you at the front door and offers raffle tickets on prizes. He shops for prizes 'in his spare time' (the amount determined by the Club budget), then conducts the raffle at every meeting. Lauren also buys prizes for the Xmas Party and Picnic.

AS FIELD DAY CHAIRMAN

He will (1) Publicize Field Day, (2) get the ARRL forms and rules and make as many copies as needed, (3) work with the Field Day site owners/managers to arrange/reserve space and admittance for Club members, (4) appoint a publicity person, (5) by whatever means necessary; beg, cajole, badger, induce,

persuade, sequesterate, confiscate, borrow,...gas cans, generators, antenna's, tents, and equipment for Field Day, then work hard to get operators on the site and schedule and maintain operations. Then there is the take-down etc., and finally (6) get the entries to ARRL on time for publication... Lauren estimates his total time to be 85 hours work on Field Day which includes 52 hours spent on the site.

\* \* \* \* \*  
THANKS TO LAUREN FOR HIS COMMITMENT  
TO THE CLUB AND TIME SPENT ON HIS  
COMMITTEE PROJECTS.

-----  
VOLUNTEERS STILL NEEDED  
By Derek Brown, N6CUK  
MDARC's Emergency Coordinator

Volunteers are still needed to work with the Bancroft Elementary School in Walnut Creek and the Valley View Middle School in Pleasant Hill for either acquiring and setting-up radio equipment at the schools, or being available during the day to provide communications at the school in the event of a disaster.

If a disaster were to occur during the school year, it is possible that a number of schools would be called upon to provide emergency shelter.

The time involved is minimal and it is expected the time commitment would be no more than a few hours per month. The school administrators are interested in this program and would like to see it proceed.

If you are interested or have questions, .....please call me at 672-2055 evenings.

-----  
OFFICERS AND NETS LISTINGS WILL BE  
IN THE NEXT ISSUE  
-----

DIGITAL RECORDING  
COMES TO 147.735  
by Brad Watson WA6AEO

The latest addition to the WA6HAM Repeater is a state-of-the-art Digital Voice Recorder. The system has been under computer control for several years now, but with this new innovation we think we have greatly expanded our capabilities and the ability to serve our members and the county.

With this addition, we now have a very user-friendly Voice MailBox so our members can leave personalized messages to each other. This is especially useful to our many husband/wife pairs. We can now also make very timely announcements of events, meetings, public service etc. The Voice Mail and announcement capabilities could be very useful during an emergency for coordinating alert and information purposes.

The Contra Costa Repeater Assn. and the WA6HAM Repeater are dedicated to serving the needs of Contra Costa County and Radio Amateur's. With this step, we feel we can provide much-needed and unique communication services for our members. For further information about our group, please feel free to contact me at 676-8239.

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#### PRESIDENTIAL QRM

This is the 3rd time I have started this article! Three times is the charm, you know, I guess my mind is really on vacation to Hawaii which we leave for in three days! I did lay a little ground work for my trip though, HAM ground work that is. I was told that a fellow Tektronix employee is a HAM that works in our Hawaii field office, so I called there and set up a time to meet with him and get all the news on what the HAMS do in the middle of the Pacific! I will

let you all know the results of that visit when I return!

When Glenn and I went to North Carolina in July, we went to a HAM breakfast and enjoyed meeting the people. I was surprised to learn that packet is nearly extinct there. We had a good time though and they were most friendly. The auto patch on their repeater is open and free for anyone to use. Can you imagine what that would be like here? I guess that just goes to show that variety is the spice of life!

Everywhere I go, I try to keep up on what other HAMS are doing in their area. When I am home, one way to keep up on the HAM news is to listen and support News Line Amateur Radio News. This is re-broadcast on the 147.735 machine on Monday nights at 7:35 P.M. during their Net. News Line asks for donations to support their effort in getting the HAM news out to all communities. To make a donation, please send it to:

News Line P.O.Box 463  
Pasadena, Ca 91102

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If you have not had an opportunity to listen to News Line, it is well worth the time spent in doing so. They have interesting information from around the world.

Speaking of information, our own MDARC will be giving HAM classes starting on September 12th. I hope you all posted the flyers that Brian, KB6SFS, worked hard to hand out at the last meeting! His Dad Larry, KB2GV, is our new education chairman, and I am happy to have him taking care of this major project for the club. For those of you who are planning to upgrade, I hope to see you down there the first evening. Remember it is at College Park High School from 7:00 to 9:00 P.M.

....Aloha and see you at the next meeting.....73.....Vicki.....

-----



MDARC CLUB MEETING MINUTES  
18 AUGUST 1989

Pres. Vicki N6KLS called the meeting to order, introduced guests and upgrades.

Minutes were accepted as published in the August Carrier.

Treasurer Schulze reported \$6963.51 in the Club treasury. Lauren, WA6CIE, and Paul, N6PAC, were presented with raffle and auction chairman pins.

Paul N6PAC announced the next auction is 20 October 1989, 7:00 to 11:00 P.M.

Dr. George Jones, KI6YK, reported the Club has 313 members.

New person for Education is Larry Ganz, KB2GV, he said classes start 12 Sept. to 14 Nov. time is 7:00-9:00 P.M. Novice, Tech., and General Classes, College Park High School, any questions call Larry 356-2411.

Joe Gregory WA6DQN, needs operators for public service, look further in the Carrier for dates.

Save 15 December 1989 for the Xmas Party.

Paul Girard SWL informed us the RACES manual is in the process of being updated.

Dick Brown, KT6X, showed a movie "The Big One" about a simulated earthquake in Oregon.

Respectfully submitted,

Jane Walker N6NVA

MDARC Secretary

CLUB MEMBER JOHN BONDON, N6UGD

has moved to Los Angeles where he will be attending Loyola Marymount University for the next four years. John plans to continue his membership in MDARC and RRRG. His local address will remain the same.

THE CLUB EXTENDS ITS BEST WISHES TO JOHN AND HOPES HIS COLLEGE LIFE WILL BE PROFITABLE.

MDARC BOARD MEETING MINUTES  
22 AUGUST 1989

Board Members Present:

President	Vicki Zumwalt	N6KLS
Secretary	Jane Walker	N6NVA
Treasurer	Dick Schulze	AA6DL
Emer.Coar.	Derek Brown	N6CUK
Board Mem.	Jay Caldis	KT6Y

Board Members Absent:

Vice Pres.	Dick Brown	KT6X
Board Mem.	Jim House	KA6IVF

Committee Chairmen Present:

Carrier Ed.	S.Christian	WU6P
Mem/Pub	Dr.Geo. Jones	KI6YK
Auc/Publ	Paul Jones	N6PAC
Education	Larry Ganz	KB2GV

Pres. Vicki N6KLS called the meeting to order, and the last Board meeting minutes were approved.

Treasurer Dick Schulze gave a financial report of \$7012.90

We discussed the auction, final details in next month's "Carrier".

Our new Education person Larry KB2GV is ready to start the Ham classes 12 September 1989.

The Board expressed their thank-you's to Jay KT6Y for almost 18 years of doing the Ham classes.

Current membership 314.

Our biggest topic was the Xmas party. The date for sure is 15 December 1989. Come to the next MDARC meeting we need your vote. Need more money for awards, and for trophies. More details about the Xmas party next "Carrier".

The Board voted to get a replacement for Board member Jim House KA6IVF due to his inactivity.

Next Board meeting 19 Sept. 1989 Vicki Zumwalt's home.

Respectfully submitted

Jane Walker, N6NVA

MDARC Secretary

NOMINATIONS - SEPTEMBER 15

AUCTION - OCTOBER 20

XMAS PARTY - DECEMBER 15

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"The CARRIER"  
A Newsletter from the  
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P.O.Box 23222  
Pleasant Hill, California 94523



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